

AMENDMENTS TO THE CLAIMS

1. - 20. (canceled)

21. (Currently Amended) An isolated nucleic acid consisting of ~~18 to 120~~ X nucleotides wherein the sequence of the nucleic acid comprises:

- (a) ~~at least 18~~ Y consecutive nucleotides of SEQ ID NO: ~~3760~~ NOS: 128, 131, or 133;
- (b) an RNA equivalent of (a);
- (c) a sequence at least ~~42/63~~ 67.7% identical to (a) or (b); or
- (d) the complement of any one of (a)-(c).

wherein

X=18 to 120,

Y>18, and

X>Y.

22. (Canceled)

23. (Currently Amended) The nucleic acid of claim 21, wherein the ~~at least 18~~ X nucleotides ~~is~~ are of a sequence ~~selecting~~ selected from the group consisting of SEQ ID NOS: 477, 480, and 482.

24. (Currently Amended) The nucleic acid of claim 21, wherein ~~the nucleic acid consists of~~ X=18 to 24 ~~nucleotides.~~

25. (Currently Amended) The nucleic acid of claim 21, wherein ~~X=Y, the sequence of the nucleic acid consists of:~~

~~(a)SEQ ID NO: 3760;~~

~~an RNA equivalent of (a);~~

~~(a)a sequence at least 42/63 nucleotides identical to (a) or (b); or~~

~~(d)the complement of any one of (a) -(c).~~

26. (Canceled)

27. (Currently Amended) The nucleic acid of claim ~~25~~ 23, wherein ~~X=Y, the at least 18~~ X=Y ~~nucleotides is of a sequence selected from the group consisting of SEQ ID NOS: 477, 480, and 482.~~

28. (Currently Amended) The nucleic acid of claim 25, wherein ~~the nucleic acid consists of~~ X=18 to 24 ~~nucleotides.~~

29. - 34 (Canceled)

35. (Currently Amended) A vector comprising ~~an insert, wherein the insert consists of~~ the nucleic acid of claim 21.

36. (Currently Amended) A vector comprising ~~an insert, wherein an insert consists of~~ the nucleic acid of claim 25.

37. - 40 (Canceled)